

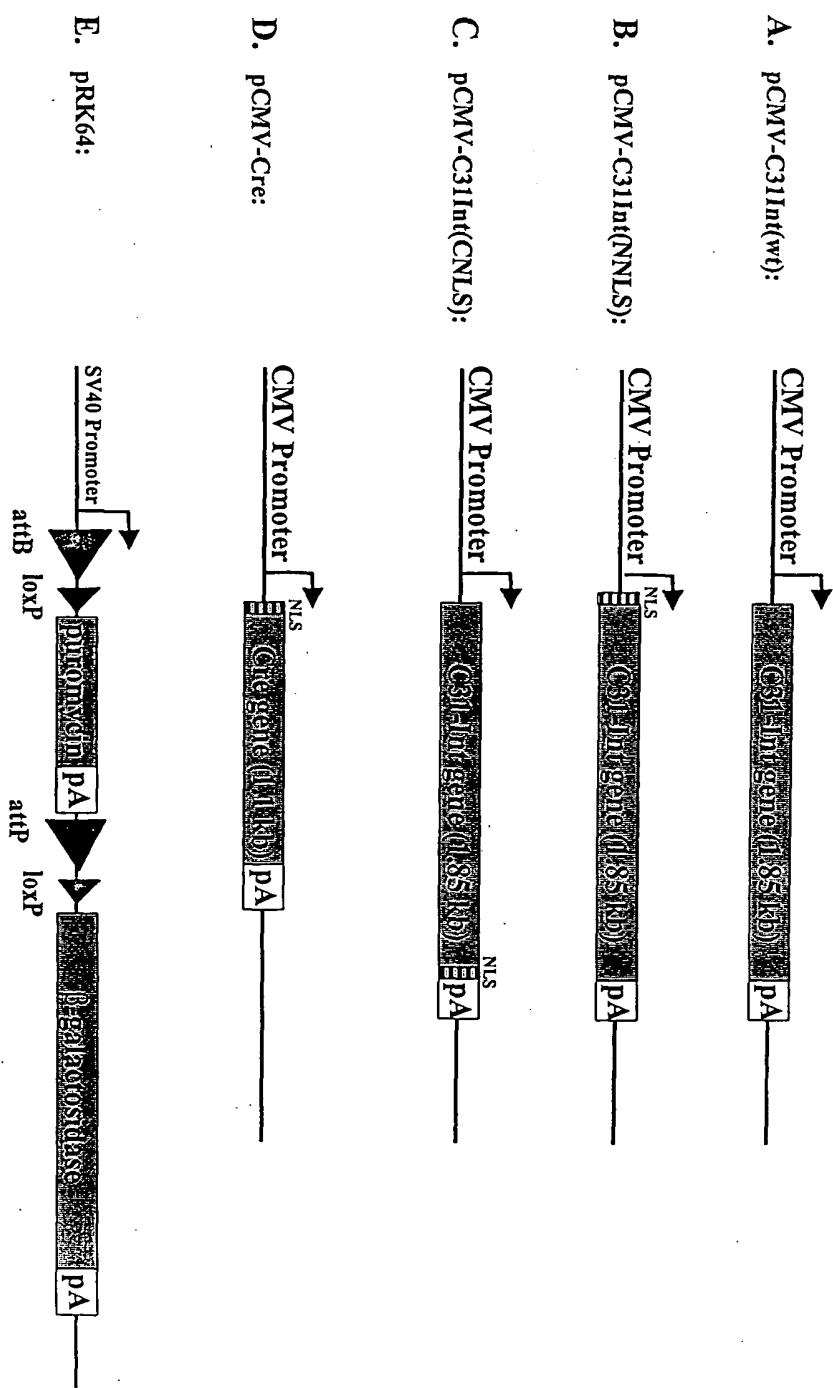
Fig. 1

Fig. 2

Sample	RLU (β Gal)	RLU (luciferase)	RLU $\times 10^5$ (Gal/Luc)	RLU $\times 10^5$ (Gal/Luc)	relative activity	
1) pUC19 only	433 \pm 37	1818700 \pm 328970	24 \pm 4		10 ⁴	
2) pRK64(Δ Cre)	784932 \pm 290524	1657062 \pm 526562	46975 \pm 3696		5 \times 10 ⁴	
3) pRK64 only	1936 \pm 262	988144 \pm 175116	204 \pm 62		1	
4) pCMV-C31Int(wt)	0.5 ng	73318 \pm 19084	677861 \pm 145341	10774 \pm 972		0.23
5) pCMV-C31Int(wt)	1 ng	75838 \pm 12628	527237 \pm 53846	14412 \pm 2050		0.3
6) pCMV-C31Int(NNLS)	0.5 ng	158402 \pm 75870	2560450 \pm 736186	15104 \pm 3041		0.32
7) pCMV-C31Int(CNLS)	1 ng	206857 \pm 76733	2677621 \pm 504285	17029 \pm 2246		0.36
8) pCMV-C31Int(CNLS)	0.5 ng	274192 \pm 78937	1173932 \pm 291315	23299 \pm 3194		0.5
9) pCMV-C31Int(CNLS)	1 ng	262169 \pm 60583	864752 \pm 229935	30560 \pm 1685		0.65
10) pCMV-Cre(NNLS)	0.5 ng	231200 \pm 96741	763121 \pm 280687	29595 \pm 4632		0.63
11) pCMV-Cre(NNLS)	1 ng	297760 \pm 83363	868905 \pm 196404	33872 \pm 2609		0.72

Fig. 3

	RLU (β Gal)	RLU (Luciferase)	RLU $\times 10^5$ (Gal/Luci)
1) pPGKnifD (reporter) only	1324 \pm 876	3631598 \pm 903012	34 \pm 18
2) pCMV-XisA 25 ng	4650 \pm 2273	2741969 \pm 667568	164 \pm 54
3) pCMV-XisA 100 ng	17529 \pm 9304	3798872 \pm 1288020	443 \pm 151
4) pCMV-XisA(NNLS) 25 ng	4060 \pm 1376	2471695 \pm 611351	163 \pm 36
5) pCMV-XisA(NNLS) 100 ng	17801 \pm 3892	3570103 \pm 750628	500 \pm 65
6) pPGKattA (reporter) only	754 \pm 70	195822 \pm 81858	755 \pm 601
7) pCMV-SSV 10 ng	925 \pm 273	119043 \pm 67451	906 \pm 316
8) pCMV-SSV 20 ng	1033 \pm 270	122557 \pm 30054	879 \pm 291
9) pCMV-SSV(NNLS) 10 ng	1108 \pm 367	174380 \pm 58876	694 \pm 345
10) pCMV-SSV(NNLS) 20 ng	1306 \pm 383	211182 \pm 101011	874 \pm 741

Fig. 4

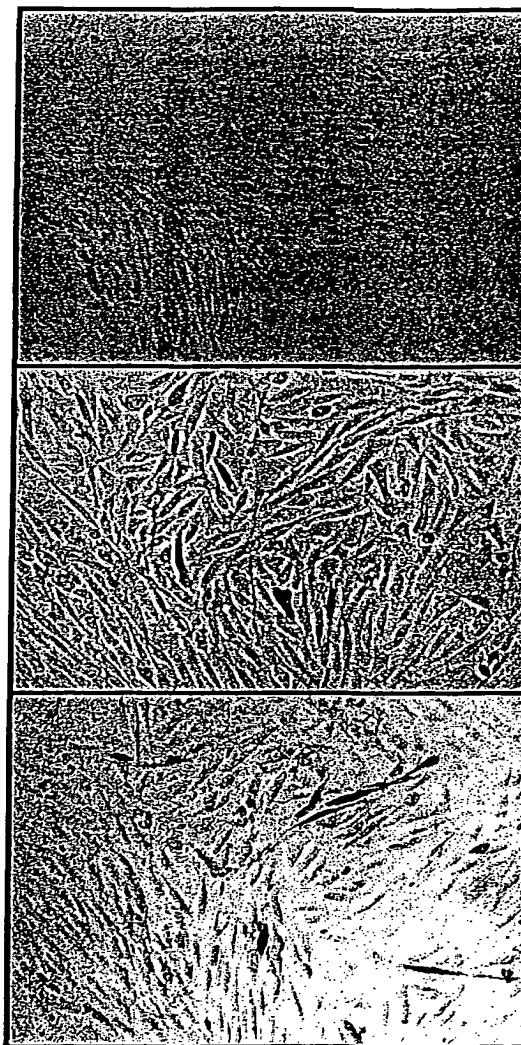
Sample	RLU (β Gal)	RLU (β Gal)	relative activity
1) pUC19 only	754 \pm 44	5 \times 10 ³	
2) pCMV-C31Int(wt)	32 ng	1386 \pm 174	0.04
3) pCMV-C31Int(wt)	64 ng	3783 \pm 1537	0.1
4) pCMV-C31Int(NNLS)	32 ng	7125 \pm 1474	0.19
5) pCMV-C31Int(NNLS)	64 ng	8206 \pm 2210	0.22
6) pCMV-C31Int(CNLS)	32 ng	17624 \pm 5578	0.48
7) pCMV-C31Int(CNLS)	64 ng	28849 \pm 6623	0.78
8) pCMV-Cre(NNLS)	32 ng	27064 \pm 3769	0.73
9) pCMV-Cre(NNLS)	64 ng	36823 \pm 3993	1

Fig. 5

A.: Nontransfected control

B.: pCMV-Cre

C.: pCMV-C31Int(NLS)



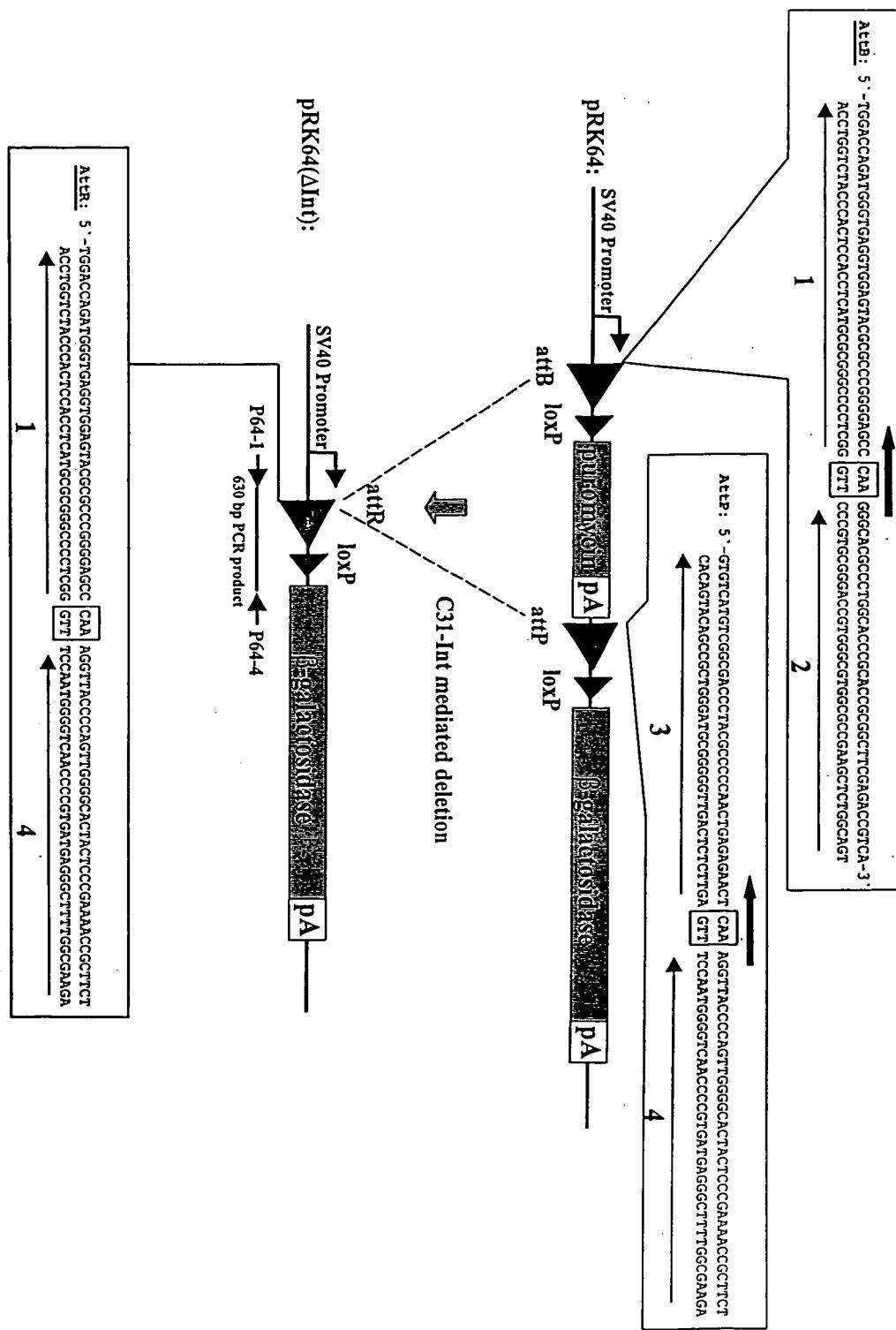
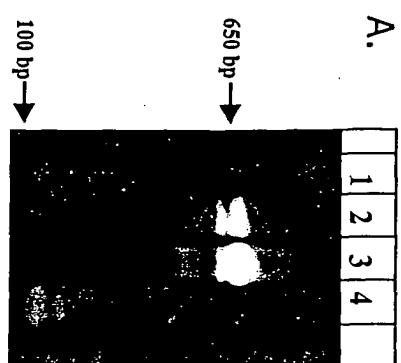


Fig. 6

Fig. 7



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Fig. 8

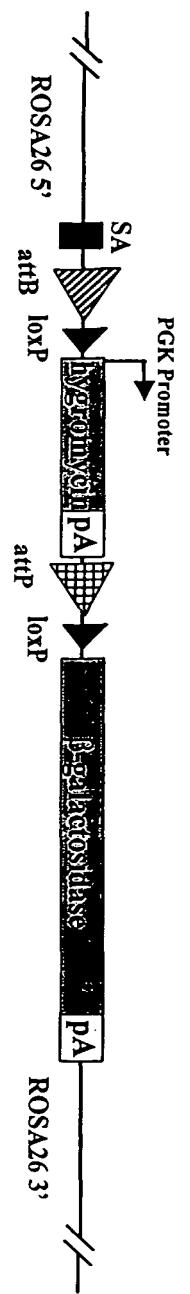
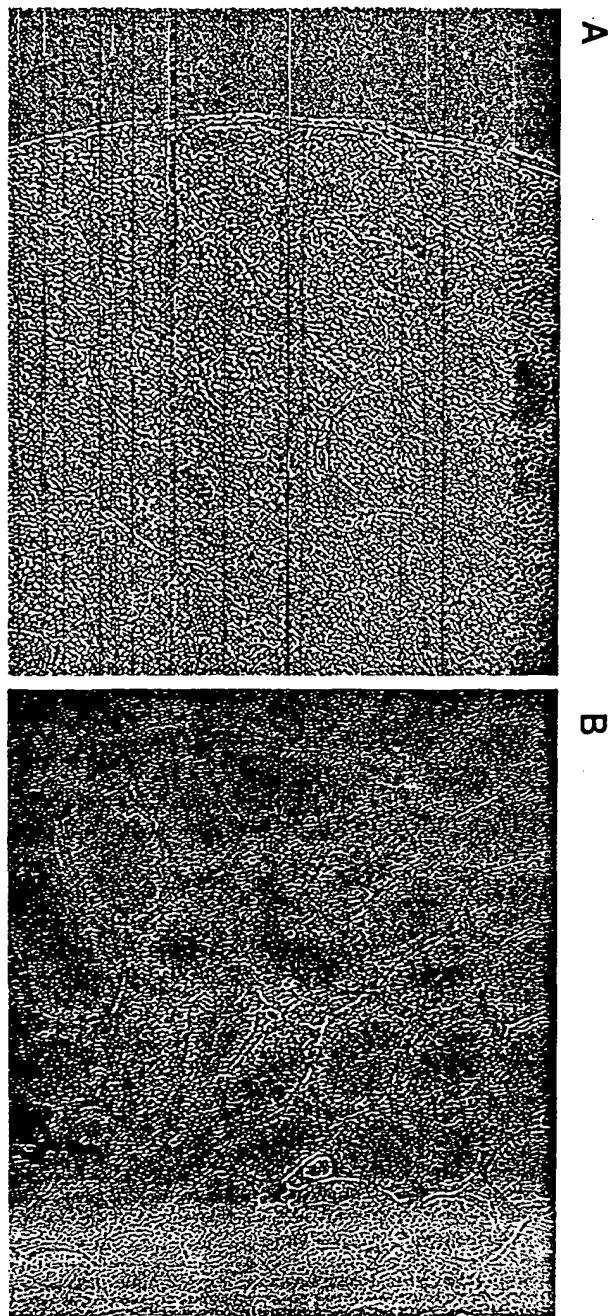


Fig. 9



A

B